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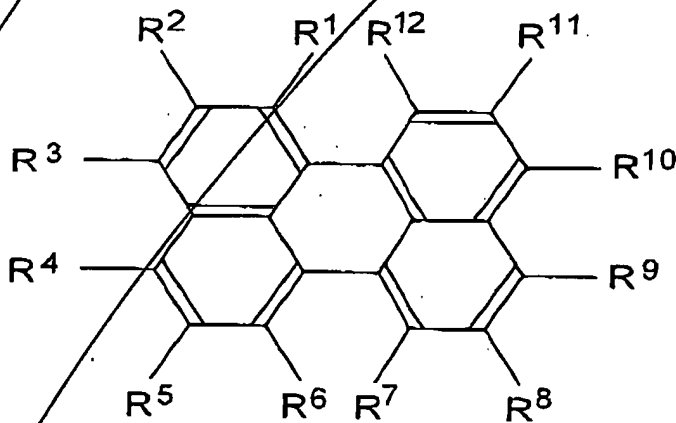
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WHAT IS CLAIMED IS:

1. An organic electroluminescent (EL) device comprising an anode, a cathode, and one or more organic thin-film layers including a light-emitting layer sandwiched between the anode and the cathode, the organic thin-film layers including, either singly or as a mixture, a perylene compound represented by a general formula [1] as follows:



[1]

wherein each of R¹ to R¹² independently represents hydrogen atom, halogen atom, hydroxyl group, substituted or non-substituted amino group, nitro group, cyano group, substituted or non-substituted alkyl group, substituted or non-substituted alkenyl group, substituted or non-substituted styryl group, substituted or non-substituted cycloalkyl group, substituted or non-

15 substituted alkoxy group, substituted or non-substituted aromatic hydrocarbon group, substituted or non-substituted aromatic heterocyclic group, substituted or non-substituted aralkyl group or substituted or non-substituted aryloxy group; any two of R^1 to R^{12} may form
20 a ring; however, at least one of R^1 to R^{12} is diarylamino group represented by $-NAr^1Ar^2$ (each of Ar^1 and Ar^2 represents non-substituted aromatic hydrocarbon group or substituted or non-substituted aromatic heterocyclic group), and at least one of R^1 to R^{12} other than the
25 diarylamino group is a group with steric hindrance for suppressing aggregation of molecules.

2. The organic EL device as defined in claim 1, wherein at least one of A¹ and Ar² has substituted or non-substituted styryl group as a substituent.

3. The organic EL device as defined in claim 1, wherein the organic thin-film layers have at least a light-emitting layer including the compound represented by the general formula [1] either singly or as a mixture.

4. The organic EL device as defined in claim 1, wherein the organic thin-film layers have at least a hole transporting layer including the compound represented

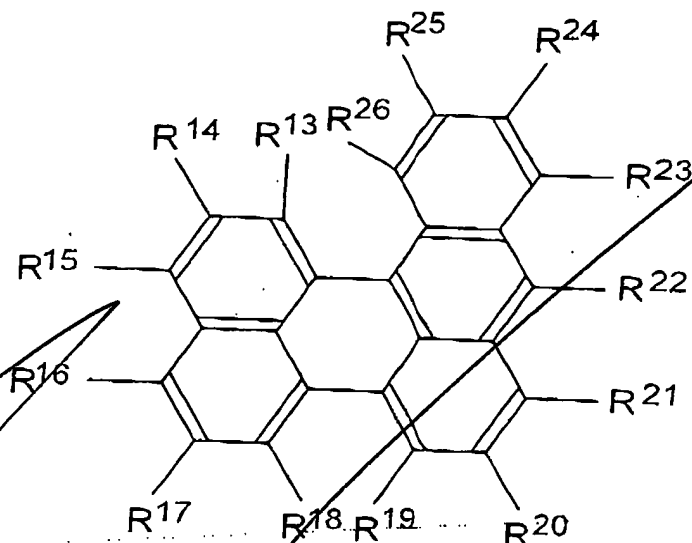
by the general formula [1] either singly or as a mixture.

5 5. The organic EL device as defined in claim 1, wherein the organic thin-film layers have at least an electron transporting layer including the compound represented by the general formula [1] either singly or as a mixture.

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5 6. The organic EL device as defined in claim 1, wherein the group with steric hindrance included in the general formula [1] is the substituted or non-substituted alkyl group, the substituted or non-substituted cycloalkyl group, the substituted or non-substituted alkoxy group, the substituted or non-substituted aromatic hydrocarbon group, the substituted or non-substituted aromatic heterocyclic group, the substituted or non-substituted aralkyl group or the substituted or non-substituted
10 aryloxy group.

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7. An organic EL device comprising an anode, a cathode, and one or more organic thin-film layers including a light-emitting layer sandwiched between the anode and the cathode, the organic thin-film layers including, either singly or as a mixture, a benzoperylene compound represented by a general formula [2] as

follows:



(2) [2]

wherein each of R^{13} to R^{26} independently represents hydrogen atom, halogen atom, hydroxyl group, substituted or non-substituted amino group, nitro group, cyano group, substituted or non-substituted alkyl group, substituted or non-substituted alkenyl group, substituted or non-substituted styryl group, substituted or non-substituted cycloalkyl group, substituted or non-substituted alkoxy group, substituted or non-substituted aromatic hydrocarbon group, substituted or non-substituted aromatic heterocyclic group, substituted or non-substituted aralkyl group or substituted or non-substituted aryloxy group; any two of R^{13} to R^{26} may form a ring; and at least one of R^1 to R^{14} is a group with steric hindrance for suppressing aggregation of molecules.

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8. The organic EL device as defined in claim 7, wherein at least one of R^{13} to R^{26} is diarylamino group represented by $-NAr^1Ar^2$ (each of Ar^1 and Ar^2 represents non-substituted aromatic hydrocarbon group or substituted or non-substituted aromatic heterocyclic group), and the group with steric hindrance is other than the diarylamino group.

9. The organic EL device as defined in claim 8, wherein at least one of Ar^1 and Ar^2 has substituted or non-substituted styryl group as a substituent.

10. The organic EL device as defined in claim 7, wherein the organic thin-film layers have at least a light-emitting layer including the compound represented by the general formula [2] either singly or as a mixture.

11. The organic EL device as defined in claim 7, wherein the organic thin-film layers have at least a hole transporting layer including the compound represented by the general formula [2] either singly or as a mixture.

12. The organic EL device as defined in claim 7, wherein the organic thin-film layers have at least an electron transporting layer including the compound

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represented by the general formula [2] either singly or as
5 a mixture.

13. The organic EL device as defined in claim 1,
wherein the group with steric hindrance included in the
general formula [2] is the substituted or non-substituted
alkyl group, the substituted or non-substituted cycloalkyl
5 group, the substituted or non-substituted alkoxy group,
the substituted or non-substituted aromatic hydrocarbon
group, the substituted or non-substituted aromatic
heterocyclic group, the substituted or non-substituted
aralkyl group or the substituted or non-substituted
10 aryloxy group.

Att 47

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